



UNDER CONSTRUCTION

Lytle Creek bridge: The big one

With a length of 558 feet and a width of 157 feet, the Route 210 bridge across the Lytle Creek Wash is the largest structure of the freeway project.

Construction of the bridge began in March and likely will take until next summer to complete.



The size of the bridge and its depth to accommodate fast moving water from the wash make it an engineering and construction challenge. The columns are being built to extend 115 feet beneath the creek bed to allow for erosion of the bed materials.

Designers calculate that 45 feet of the 115 feet below ground would be washed away during floods. They also estimate that 657,524 gallons per second of flood water will flow through the creek at peak flooding times.

Other impressive statistics:

- Diameter of each bridge column: 7 feet
- Total volume of concrete used in the bridge: 12,322 cubic yards
- Total weight of reinforcing steel: 3,718,204 lbs.
- Cost to build the bridge: \$14.3 million



Highland Avenue work to start

Crews will begin widening Highland Avenue and installing storm drain pipe below ground next week between Macy Street and California Street in San Bernardino.

Access to businesses will be maintained throughout construction. Work will be completed within the next two to three months in four stages:

- **Stage 1:** Vehicles will be moved to the north side of Highland to allow crews to widen the south side of the street and to install new curbs and gutters.
- **Stage 2:** Drivers will use the newly widened south side of Highland so that crews can place storm drain pipe along Highland between State and California. Sections of Highland will be dug up to place the pipe beneath the street
- **Stage 3:** Storm drain pipe will be placed below ground on Highland between Macy and State, similar to Stage 2 work.
- **Stage 4:** Vehicles will be moved to the south side of Highland so that crews can widen the north side of the street and install new curbs and gutters.

SB Chamber group tours project July 15

Community members from San Bernardino suited up in hard hats and vests Friday afternoon to tour Route 210 construction. About 15 members of the

Leadership 2005 group from the San Bernardino Area Chamber of Commerce traveled the freeway corridor to view bridges, walls, storm drain work and construction details.

For more information about group tours, call the toll-free project helpline at 1-866-HELP-210 or send an email to cdonahue@sanbag.ca.gov.



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